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WORK EXPERIENCE

HIGHER EDUCATIONAL INSTITUTION «PODILLIA STATE UNIVERSITY» – Kamianets-Podilskyi, Ukraine

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Professor, Doctor in Economics, Director of the Educational and Scientific Institute of Business and Finance

EDUCATION AND TRAINING

Doctor of Economics

HIGHER EDUCATIONAL INSTITUTION «PODILLIA STATE UNIVERSITY» [Current]

City: Kamianets-Podilskyi | Country: Ukraine | Website: <https://pdatu.edu.ua/en/> | Field(s) of study: Social sciences, journalism and information: • Economics | Level in EQF: EQF level 8

LANGUAGE SKILLS

Mother tongue(s): Ukrainian

Other language(s):

English

LISTENING B1 READING B1 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

economics / risks and safety / statistics / Microsoft Word / Microsoft Office / Microsoft Excel / Zoom / Microsoft Powerpoint / Google Drive / Google Docs / Leadership and Management / Scientific and Academic Research / Communication and Collaboration

PUBLICATIONS

[2020]

Energy Sector Impact on Country's Economic Security: Baltic Sea Region EU Countries' Case The article object is to is a relatively new research direction in economic theory - economic security at the macro-level. One of the aims of this article is to reveal the country's economic security idea and to choose methods for this economic phenomenon evaluation as well as to suggest the method to evaluate the energy sector's impact on this economic phenomenon. Firstly, the authors review different approaches to economic security principles and do some assumptions related to the country's economic security concept. There is shortly described the energy sector. Since the scientific problem is how to evaluate the energy sector and the country's security and what impact the energy sector has on the country's economic security, the authors have selected methods to analyze the links between energy sector activities

and economic security. Furthermore, there were presented the results of regression analyzes and concluded what energy sector indicators influence countries' economic security.

Authors: Korzhenivska N.L. Zitkiene, R., Matyskevicius, Yu., Kremer-Matyskevicius, I., Zaika, S. Zitkiene, R., Matyskevicius, Yu., Kremer-Matyskevicius, I., Korzhenivska, N. & Zaika, S. | **Journal Name:** Independent Journal of Management & Production | **Volume, Issue and Pages:** 11(9), 2185-2214.

Korzhenivska N.L. Zitkiene, R., Matyskevicius, Yu., Kremer-Matyskevicius, I., Zaika, S. Zitkiene, R., Matyskevicius, Yu., Kremer-Matyskevicius, I., Korzhenivska, N. & Zaika, S. (2020). Independent Journal of Management & Production, 11(9), 2185-2214.

Link: <http://dx.doi.org/10.14807/ijmp.v11i9.1399>

[2021]

Management of reproduction of the livestock branch as the basis of its innovation-and-investment development

Purpose. The purpose of the study is to develop directions for improving the management of livestock reproduction processes on the basis of its innovation-and-investment development. **Methodology / approach.** The theoretical and methodological basis of the study is the dialectical method of cognition, conceptual provisions of economic theory, scientific works of domestic and foreign scientists on the management of the process of reproduction of animal husbandry and a systematic approach to the study and timely detection of various socioeconomic and industrial problems. The study of economic aspects of management of the process of revival and effective development of animal husbandry was carried out using general scientific (analysis, synthesis, abstraction, generalization) and statistical and mathematical methods (correlation, regression, scenario planning, mathematical modeling and forecasting of economic processes). **Results.** The application of the proposed methods and methodological approaches made it possible to take into account the main components of the management system to reproduce the potential of the industry to identify prospects for growth in gross livestock production and predict changes in economic indicators of its innovation and investment development in the future. The use of systematic and abstract-logical approaches contributed to the formation of a strategy for the revival of the livestock industry based on a list of development scenarios in accordance with the objectives for its implementation and provided an opportunity to outline the problem area for economic modernization of livestock. **Originality / scientific novelty.** For the first time, a mechanism for modernization and development of animal husbandry, flexible to economic and social changes in production, is developed, which provides the possibility of modernization processes in the main subsectors of animal husbandry and the introduction of innovative technologies for livestock production. It is developed the study of the use of an alternative method of forecasting priority economic parameters under the conditions of unstable tendencies of agricultural production and dynamic changes in the development of animal husbandry under the influence of factors that are changed with different intensity over a long period. **Practical value / implications.** The developed theoretical and practical principles made it possible to reveal the integrity of the process of managing the reproduction and development of the livestock industry. The conducted forecast allowed stating changes in production of livestock products and productivity of animals. The obtained results helped to identify the factors that prevent the changing economic, social, political and environmental conditions to transfer the livestock industry to an innovative path of its development through the introduction of modern technologies.

Authors: Lavruk, V., Korzhenivska, N., Tkachuk, V., Lavruk, O., & Heldak, M. | **Journal Name:** Agricultural and Resource Economics: International Scientific E-Journal | **Volume, Issue and Pages:** 7(3), 200-222.

Lavruk, V., Korzhenivska, N., Tkachuk, V., Lavruk, O., & Heldak, M. (2021). Agricultural and Resource Economics: International Scientific E-Journal, 7(3), 200-222.

Link: <https://doi.org/10.51599/are.2021.07.03.12>

[2021]

Optimization of economic and ecological components of using agricultural lands for balanced land use and rural areas development

The study is devoted to solving a topical problem related to the deterioration of land quality in Ukraine and in many countries around the world. This article proposes the use of economic and mathematical modelling to optimize the structure of sown areas of crops on the example of the whole of Ukraine in the direction of ensuring the balance of humus in the soil depending on the influence of a number of environmental and economic factors. The formation of the economic and mathematical model was the basis of the research methodology in this work. Based on the use of a systematic approach to assessing the effectiveness of the agricultural land use system, a

number of environmental and economic indicators were selected and three groups of restrictions in the field of intensification of agricultural land use were formed. The applied approach made possible to develop a task to optimize the sown area of crops in order to preserve the quality of land. The results of solving the formed problem showed the need to limit the sown area under crops, the cultivation of which leads to the loss of humus in the soil; in particular, it is proposed to limit the sown area under sunflower. The results of the study allowed us to draw the following conclusions: a positive effect on the quality of soils from the cultivation of annual and perennial grasses was established, which requires an increase in sown areas under these crops; promising indicators for achieving a deficit-free balance of humus in soils during the cultivation of crops have been identified; an algorithm for choosing solutions to ensure balanced use of agricultural land in the agricultural sector has been developed that the presented procedure for choosing solutions will increase the environmental and economic efficiency of agricultural land use; it is established that for the realization of certain goals in the system of land use, the decisive importance should be given to the consideration and coordination of environmental, economic and social interests.

Authors: 10.14807/ijmp.v12i6.1767 | **Journal Name:** INDEPENDENT JOURNAL OF MANAGEMENT & PRODUCTION (IJM&P) | **Volume, Issue and Pages:** v. 12, n. 6, Special Edition ISE, S&P - November 2021

Nataliya Korzhenivska Borys Sydoruk, Andrii Sava, Nataliya Zdyrko, Olha Khaietska. INDEPENDENT JOURNAL OF MANAGEMENT & PRODUCTION (IJM&P) <http://www.ijmp.jor.br> v. 12, n. 6, Special Edition ISE, S&P - November 2021

Link: 10.14807/ijmp.v12i6.1767

[2023]

Ukrainian agricultural production profitability issues The research relevance is predefined by the need to find ways to increase the profitability of agricultural production in the difficult economic conditions of Ukraine. The research aims to analyse the profitability of agricultural production, influencing factors and determination of directions for its improvement. The methodological approach is based on the analysis of statistical data on changes in production profitability; method of average values – to obtain the average value of indicators; comparison method – to compare data on profitability and productivity between types of products; graphic method – to display the results; method of generalization – for summarizing information about agricultural production. The main results that were obtained within the scope of this study should cover the analysis of the profitability of agricultural production by its types and crop yield and regions of the country in the conditions of the impact of negative factors for agriculture, blocking many ways to sell products, complicating the supply of mineral fertilizers and other goods necessary for the functioning of the agrarian sector) and highlight directions for increasing profitability, namely increasing the yield of certain types of crops; reduction of feed costs for feeding animals by growing feed and electricity production efficiency through the use of renewable energy sources (sun, wind, biomass energy); development of pig meat production by increasing their population and quality of nutrition; creation of added value from products obtained by the producer on his own land, which will contribute to increased profitability and successful development of agriculture. Analysis of the supply and demand balance of grain and leguminous crops showed that their production exceeds the need for consumption of all types of grain. The results and conclusions have practical significance for agricultural producers in business management, as well as for the government in developing areas of support for the agricultural sector

Authors: <https://doi.org/10.48077/scihor5.2023.123> | **Journal Name:** SCIENTIFIC HORIZONS | **Volume, Issue and Pages:** Vol. 26, No. 5 2023. P. 123-137

E. Shahini, N. Korzhenivska, Ukrainian agricultural production profitability issues Yu. Haibura, O. Niskhodovska, I. Balla.

Link: <https://doi.org/10.48077/scihor5.2023.123>

[2023]

The Strategy for Managing Financial Resources of the Pension System of the Oecd Countries and Ukraine The article considers the special conditions for the implementation of the strategy for managing the financial resources of the pension system of the OECD countries and Ukraine. A strategic financial and economic mechanism has been developed to assess the quality of financial resources management of the country's pension system through partial socio-economic and demographic indicators of the economic system. The method of managing the formation, distribution and use of financial resources of the state pension system is determined. The block diagram of the strategic financial and economic mechanism for the management of financial resources of the pension system within the economic and demographic indicators, as well as the parameters of state economic policy is presented. The real value

of the replacement ratio per 1% of GDP and the efficiency ratio of the financial resources management of the pension system in the OECD countries and Ukraine are analyzed. The structure of investment portfolios of OECD pension funds is presented. The forecast trend of the demographic burden coefficient and the share of state funding of the pension system to GDP in the OECD countries and Ukraine are determined. The forecast trend of budget revenue and average wages is calculated. As part of the distributive approach to financing pension payments, an old-age pension payment method has been introduced, taking into account the socially acceptable level of income compensation, insurance premium rate, and demographic structure of the population, real wages and changes in social security payers.

Authors: 10.46852/0424-2513.2s.2023.18 | **Volume, Issue and Pages:** Vol. 68(Special Issue), pp. 757-764

Korzhenivska N.L., Havryliuk, V.M., Rudyk, V.K., Pikhniak, T.A Cheschnevska, I.O. Economic Affairs, Vol. 68(Special Issue), pp. 757-764, May 2023.

Link: [10.46852/0424-2513.2s.2023.18](https://doi.org/10.46852/0424-2513.2s.2023.18)

[2024]

Corporate resource management system of business projects under the sustainable development conditions

In the article, the main theoretical aspects of the functioning of the corporate resource management system of business projects under the conditions of sustainable development are examined. The purpose of the article is to improve the existing approaches to the project resource management based on sustainable development in the conditions of the formation and functioning of the corporate project management system. The main approaches to the implementation of the corporate resource management system of business projects are considered. The stages of development of the corporate project resource management system have been determined. The main components of the corporate resource management system of business projects are substantiated. The task of integrating the methodology of the project management and the sustainable development concept at the level of business structures was determined, the consideration of the sustainable development aspects in the existing standards of the project management was investigated. The components of the project resource management system that require adaptation to the sustainable development goals are highlighted. To assess the economic, social and environmental efficiency of business projects in the context of the sustainable development principles, a system of the project selection criteria is proposed. The method of evaluation and selection of a rational business project based on the sustainable development principles is proposed.

Authors: <https://doi.org/10.15544/mts.2024.17> | **Journal Name:** Management Theory and Studies for Rural Business and Infrastructure Development | **Volume, Issue and Pages:** Vol. 46. No. 2: 166-173.

Oksana Zybareva, Pavlo Shylepnytskyi, Svitlana Belei, Nataliia Korzhenivska, Iryna Kravchuk. Management Theory and Studies for Rural Business and Infrastructure Development. eISSN 2345-0355. 2024. Vol. 46. No. 2: 166-173.

Link: <https://doi.org/10.15544/mts.2024.17>

The impact of labor resources on the economic security of an enterprise in the sustainable development concept

The functioning and development of enterprises largely depends on economic security, which consists of many functional components. The object of the study is the personnel security of the enterprise, and the paper itself is focused on identifying its factors that determine the level of labor safety. Analysis and assessment should become an important component of developing a labor safety strategy in the context of sustainable development. Currently, there are various methods that allow analyzing labor resources and their condition, but their use does not always make it possible to determine the level of sufficiency of characteristics; uncertainty arises that prevents a more objective assessment of situations. The study shows the problems of personnel security, considers and analyzes its components, and proposes an analysis method based on the fuzzy set method, which allows calculating the impact of each component with a greater degree of reliability. Using the fuzzy set method, an assessment of the personnel security of Joint Stock Company "National Nuclear Energy Generating Company "Energoatom" (JSC NNEGC Energoatom, Kyiv, Ukraine) for five years (2018–2022) was carried out, which made it possible to conduct a more objective analysis. Qualitative assessment of the impact of such indicators as average wages; frequency of injuries; level of saturation with specialists; level of professional training of employees; average age of employees; the share of young specialists is given. Starting from 2020, as the analysis showed, there has been a decrease in the level of personnel security indicator. The reason for the decrease in the level of personnel security of the enterprise was the decrease in the level of specialists in the total number of employees, especially young specialists, as well as the deterioration of the

dynamics of employee training. The paper proposes measures to increase the level of personnel security of JSC NNEGC Energoatom.

Authors: <https://doi.org/10.15587/2706-5448.2024.318702> | **Journal Name:** Technology Audit and Production Reserves | **Volume, Issue and Pages:** 6 (4 (80)), 21–31

Andriushchenko, K., Buriachenko, A., Liezina, A., Lavruk, O., Korzhenivska, N., Slavina, N. Technology Audit and Production Reserves, 6 (4 (80)), 21–31.

Link: <https://doi.org/10.15587/2706-5448.2024.318702>

SOCIAL AND POLITICAL ACTIVITIES

[19/10/2021 – Current] Kamianets-Podilskyi

Institute of Socio-Economic Regional Research Member of the NGO “Institute of Socio-Economic Regional Research”, coordinator of the ecological and economic development direction

Link: <https://pdatu.edu.ua/hromadska-orhanizatsiia-instytut-sotsialno-ekonomichnykh-rehionalnykh-doslidzhen.html>